

Disneyland’s California Adventure opened in 2001. The data below show the attendance of the park per year (in millions) from 2001- 2015.

(Source: <http://www.scottware.com.au/theme/feature/atend_disparks.htm#Yearly>)

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| 5.0 | 4.7 | 5.3 | 5.6 | 5.8 | 6.0 | 5.7 | 5.6 | 6.1 | 6.3 | 6.3 | 7.8 | 8.5 | 8.8 | 9.4 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

1. What is the average attendance for California Adventure from 2001-2015? Please round your final answer to the nearest tenth.
2. What is the middle number (median) of the attendance?
3. Are there any years that have reoccurring attendance? Is so what is the attendance?

And what statistical word would we relate to this reoccurring value?

1. Which measure(s) of central tendency would best represent the data?
2. How does the data vary in terms of attendance (calculate the standard deviation)? Please round your final answer to the nearest hundredths.

1. If you had to predict the attendance of California adventure for 2016, what would you predict? Please be prepared to explain your answer.